HistoricBridges.org - National Bridge Inventory Data Sheet

2012 Inventory

The National Bridge Inventory contains data submitted by state transportion departments to the Federal Highway Administration in coded format.
Form Interface Design: www.historicbridges.org. Data Conversion Assistance By www.bridgehunter.com. None of the involved parties make any guarantee of accuracy.

Basic Information

Indiana [18]	Allen County [003]	Unknown [00000]	00.60 N OF WINCHESTER	40-55-47 = 40.929722	085-03-19 = -85.055278

200216	Highway agency district	2	Owner	County Highway Agency [02]	Maintenance responsibility	County Highway Agency [02]	
Route	263		MARION CENTER RD	Toll	On free road [3]	Features intersected	ST. MARYS RIVER

Design - main	Steel [3]	Design - approach		Kilometerpoint	0 km = 0.0 mi		
1	Truss - Thru [10]	0	Other [00]	Year built	1895	Year reconstructed	2005
				Skew angle	20	Structure Flared	
				Historical significance	Bridge is eligible for the NRHP. [2]		

Total length	54 m = 177.2 ft	Length of maximum span	53.3 m = 174.9 ft	Deck width, out-to-out	4.8 m = 15.7 ft	Bridge roadway width, curb-to-curb	4.8 m = 15.7 ft
Inventory Route, Total Horizontal Clearance	4.8 m = 15.7 ft	Curb or sidewalk width - left	0 m = 0.0 ft	Curb or sidewalk width - right	0 m = 0.0 ft		

Deck structure type	Wood or Timber [8]
Type of wearing surface	Bituminous [6]
Deck protection	
Type of membrane/wearing surface	

Weight Limits

Bypass, detour length	Method to determine inventory rating	Load Factor(LF) [1]	Inventory rating	19.8 metric ton = 21.8 tons	
0.3 km = 0.2 mi	Method to determine operating rating	Load Factor(LF) [1]	Operating rating	33.3 metric ton = 36.6 tons	
	Bridge posting	00.1 - 09.9 % below [4]	Design Load		

Functional Details

Average Daily Traffic	135	Average daily truck traffi	3 %	Year	2010	Future average daily traffic	200
Year	2030						
Road classification	Local (Rural) [09]	Lanes on structure	1	Approach roadway width	4.6 m = 15.1 ft		
Type of service on bridge	Highway [1]	Direction of traffic	One lane bridge for 2 - way traffic [3]	Bridge median			
Parallel structure designation	No parallel structure exists. [N]						
Type of service under bridge	Waterway [5]	Lanes under structure	0	Navigation control			
Navigation vertical clearanc	0 = N/A	Navigation horizontal clearance	0 = N/A				
Minimum navigation vertical clearance, vertical lift bridge		Minimum vertical clearance over bridge roadway	6.3 m = 20.7 ft				
Minimum lateral underclearance reference feature	Feature not a highway or railroad [N]						
Minimum lateral underclearance on right	0 = N/A	Minimum lateral underclearance on left	0 = N/A				
Minimum Vertical Underclearance	0 = N/A	Minimum vertical underclearance reference feature	Feature not a highway or railroad [N]				
Appraisal ratings - underclearances	N/A [N]						

Repair and Replacement Plans

Type of work to be performed

Work done by

Bridge improvement cost	0	Roadway improvement cost	0
Length of structure improvement	0 m = 0.0 ft	Total project cost	0
Year of improvement cost estimate			
Border bridge - state		Border bridge - percent responsibility of other state	
Border bridge - structure number			

Inspection and Sufficiency

Structure status	Posted for load [P]	Appraisal ratings - structural	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - superstructur	Fair [5]	Appraisal ratings - roadway alignment	Somewhat better than minimum adequacy to tolerate being left in place as is [5]
Condition ratings - substructure	Fair [5]	Appraisal ratings - deck geometry	Basically intolerable requiring high priority of corrrective action [3]
Condition ratings - deck	Good [7]		

Scour	Bridge foundations determined to be stable for assessed or calculated scour condition. [5]
Channel and channel protection	Bank is beginning to slump. River control devices and embankment protection have widespread minor damage. There is minor stream bed movement evident. Debris is restricting the channel slightly. [6]

Appraisal ratings - water adequacy	Equal to present minimum criteria [6]	Status evaluation	
Pier or abutment protection		Sufficiency rating	52.7

Culverts	Not applicable. Used if structure is not a culvert. [N]
Traffic safety features - railings	
Traffic safety features - transitions	
Traffic safety features - approach guardrail	
Traffic safety features - approach guardrail ends	

Inspection date	August 2010 [0810]	Designated inspection frequency	24	Months

Underwater inspection	Not needed [N]	Underwater inspection date	
Fracture critical inspection	Every two years [Y24]	Fracture critical inspection date	August 2010 [0810]
Other special inspection	Not needed [N]	Other special inspection date	